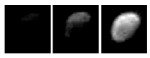
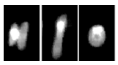
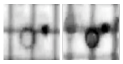
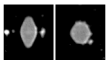
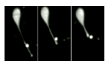
A Microfluidic Microprocessor: Controlling Biomemetic Containers and Cells using Hybrid Integrated Circuit / Microfluidic Chips

function	method	frequency	
contain	unilamellar bilayer vesicles		
position	dielectrophoresis	> 1 MHz	
release	electroporation	< kHz	
fuse	electrofusion	< kHz	
porate	electroporation	< kHz	
deform	dielectrophoresis	> 1 MHz	
deform[16]	magnetophoresis	DC	
heat[17]	dielectric heating	> 2 GHz	